

**Babcock Power Inc.**

### **Initial Start-up / Commissioning**

- ❑ Follow current procedures for unit start up
- ❑ Unit can be operated up to full load with OFA dampers closed
- ❑ Calibrate feeder duct flow probes via pitot traverse (AMC test crew)
- ❑ Balance OFA flow side to side then front to rear using feeder duct balancing dampers
- ❑ Check burner air flow distribution at full load (950 MW) by measuring O<sub>2</sub> & CO at economizer outlet test grid (OFA dampers closed)
- ❑ Additional burner adjustments may be required to maintain adequate air pressure and flow distribution within each elevation windbox
  - ✓ spin vanes
  - ✓ air zone disc
  - ✓ outer register
- ❑ Check OFA flow distribution at full load (950 MW) by measuring O<sub>2</sub>, CO & NO<sub>x</sub> at economizer outlet test grid (individual points / OFA dampers open)
  - ✓ balance grid O<sub>2</sub>/CO/NO<sub>x</sub> by short stroking 1/3 and/or 2/3 OFA dampers by quadrant as necessary

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